

Reactive polymers and copolymers based on *N*-(2-hydroxypropyl)methacrylamide, method of their preparation and their use for synthesis of polymer drugs, for modification of biologically active proteins and preparation of gene delivery systems

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Abstract

The solution concerns reactive polymers and copolymers based on *N*-(2-hydroxypropyl)methacrylamide, which contain reactive thiazolidine-2-thione groups in side chains of the polymers or at the ends of polymer chains. The solution also includes a method of their preparation and their use for synthesis of polymer drugs and conjugates with proteins and preparation of gene delivery systems.